

**DESCRIPTION**

The Los Peñasquitos Creek watershed encompasses a land area of approximately 100 square miles including portions of the cities of San Diego, Poway, and Del Mar. The watershed is highly urbanized, with a population of approximately 400,000 residents. The creek discharges to a 0.6 square mile lagoon, at the Los Peñasquitos Marsh Natural Preserve and Lagoon, which is part of the Torrey Pines State Reserve.

The watershed contains numerous wetland resources including riparian wetlands, vernal pools, open water, and salt marshes. These wetlands provide habitat to numerous federally- and state-listed endangered species and are a significant stopover for migratory birds along the Pacific Flyway. Significant riparian growth occurs along the drainages of the lower watershed, where only a few miles are channelized.

The lagoon is impaired by excessive sedimentation. Year-round accelerated freshwater flows are also a significant NPS problem at the lagoon, since these freshwater flows displace native salt marsh species that cannot compete with invasive wetland species in year-round freshwater conditions.



Los Peñasquitos Lagoon

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For more photos, visit:  
[www.californiacoastline.org](http://www.californiacoastline.org).

**REASON FOR CCA IDENTIFICATION**

The Los Peñasquitos Lagoon is a 2002 303(d)-listed **impaired waterbody that flows into a Marine Protected Area** (Los Peñasquitos Marsh Natural Preserve and Lagoon, part of the Torrey Pines State Reserve).

**POLLUTED RUNOFF CONDITIONS**

	Top 5 Runoff Pollutants of Concern					Efforts to Address Pollutants (See next page)
	<u>2002 303(d)-Listed Pollutants</u> TMDL Priority (& Proposed Completion if available)	<u>Other Pollutants</u> <sup>1</sup>				
Selected Coastal Zone Waterbodies	<u>Sediment</u>	Metals	Bacteria	Pesticides	Nutrients	
Los Peñasquitos Lagoon ▲	▲ Low					
Soledad Creek ■						
Los Peñasquitos Cyn Creek ●						
Carmel Creek ◆						
Potential Sources of Pollutants in Coastal Waterbodies						
Agriculture	▲			▲	▲	
Forestry (Silviculture)						
Urban Areas	▲	▲	▲	▲	▲	c, d, f
Marinas & Boating						
Hydromodification						
Wetlands & Riparian Areas						a, b, c, d, e

<sup>1</sup> Information on metals, bacteria, pesticides, and nutrients as pollutants of concern is from the San Diego Regional Water Quality Control Board.

## Los Peñasquitos Lagoon CCA

### MAJOR EFFORTS TO IMPLEMENT NPS MANAGEMENT MEASURES

a)	<b>Friends of the Penasquitos Canyon Preserve</b>			<a href="http://www.sdcrn.org/about/friends-of-los-penasquitos-canyon.html">http://www.sdcrn.org/about/friends-of-los-penasquitos-canyon.html</a>
		Mike Kelly	(619) 566-6489	<a href="mailto:mkellysd@aol.com">mkellysd@aol.com</a>
➤ The Friends are dedicated to protecting, interpreting, and helping to manage open space parklands in the north city area of the City of San Diego, including Peñasquitos Canyon Preserve.				
b)	<b>Los Penasquitos Lagoon Sediment Control Project</b>			
Los Penasquitos Lagoon Foundation		Mike Hastings	(760) 436-5937	<a href="mailto:mikehastings101@yahoo.com">mikehastings101@yahoo.com</a>
➤ Reduce sediment loads from non-point sources; one sediment basin will be completed and, funds permitting, another constructed. Opportunities to control erosion within watershed and along lagoon will be investigated.				
c)	<b>Los Penasquitos Watershed Management Plan</b>			<a href="http://www.projectcleanwater.org/html/ws_penasquitos_wmp.html">http://www.projectcleanwater.org/html/ws_penasquitos_wmp.html</a>
Project Clean Water, County of San Diego		Randy Rodriguez	(619) 533-4524	
➤ Currently preparing a watershed management plan (WMP) in coordination with the Los Peñasquitos Lagoon Foundation (LPLF), Citizen's Advisory Committee (CAC) and general public for the Los Peñasquitos watershed.				
d)	<b>Penasquitos Watershed Projects</b>			<a href="http://www.projectcleanwater.org/html/ws_penasquitos_project.html">http://www.projectcleanwater.org/html/ws_penasquitos_project.html</a>
Project Clean Water, County of San Diego		Randy Rodriguez	(619) 533-4524	
➤ Monitoring, education, conservation, and research projects in the watershed.				
e)	<b>Los Penasquitos Lagoon Monitoring Program</b>			
Los Penasquitos Lagoon Foundation		Mike Hastings	(760) 436-5937	<a href="mailto:mikehastings101@yahoo.com">mikehastings101@yahoo.com</a>
➤ This project provided funding for continuing monitoring of habitat, fauna, and water quality in Los Penasquitos Lagoon and periodic opening of the Lagoon mouth to allow tidal exchange.				
f)	<b>Penasquitos Watershed Urban Runoff Program</b>			<a href="http://www.projectcleanwater.org/html/wurmp_penasquitos.html">http://www.projectcleanwater.org/html/wurmp_penasquitos.html</a>
City of San Diego		Drew Kleis	(619) 525-8623	<a href="mailto:akleis@sandiego.gov">akleis@sandiego.gov</a>
➤ The final <a href="#">Peñasquitos Watershed Urban Runoff Management Plan</a> has been prepared. The <a href="#">Municipal Storm Water Permit</a> requires the development and implementation of Watershed Urban Runoff Management Programs.				

### REGULATORY/PLANNING JURISDICTIONS

➤ City of San Diego, Environmental Services Dept.	<a href="http://www.sannet.gov/environmental-services/">http://www.sannet.gov/environmental-services/</a>		(858) 694-7000	<a href="mailto:trash@sandiego.gov">trash@sandiego.gov</a>
➤ San Diego County, Public Works, Watershed Protection	<a href="http://www.sdcounty.ca.gov/dpw/watersheds/stormwater.html">http://www.sdcounty.ca.gov/dpw/watersheds/stormwater.html</a>		(858) 694-2212	<a href="mailto:watersheds@sdcounty.ca.gov">watersheds@sdcounty.ca.gov</a>
➤ Calif. Coastal Commission, Water Quality Unit	<a href="http://www.coastal.ca.gov/nps/npsndx.html">http://www.coastal.ca.gov/nps/npsndx.html</a>	Tracy Duffey	(805) 585-1809	<a href="mailto:tduffey@coastal.ca.gov">tduffey@coastal.ca.gov</a>
➤ San Diego Regional Water Quality Control Board	<a href="http://www.waterboards.ca.gov/sandiego/">http://www.waterboards.ca.gov/sandiego/</a>	Bruce Posthumus	(858) 467-2964	<a href="mailto:bposthumus@waterboards.ca.gov">bposthumus@waterboards.ca.gov</a>
➤ State Water Resources Control Board, ASBSs	<a href="http://www.swrcb.ca.gov/plnspols/oplans/asbs.html">http://www.swrcb.ca.gov/plnspols/oplans/asbs.html</a>	Connie Anderson	(916) 341-5280	<a href="mailto:csanderson@waterboards.ca.gov">csanderson@waterboards.ca.gov</a>
➤ California Coastal Conservancy	<a href="http://www.coastalconservancy.ca.gov/">http://www.coastalconservancy.ca.gov/</a>	Mary Small	(510) 286-4181	<a href="mailto:msmall@scc.ca.gov">msmall@scc.ca.gov</a>

## Los Penasquitos Lagoon CCA

➤ Calif. Dept. of Fish & Game, Marine Region	<a href="http://www.dfg.ca.gov/mrd/mlpa/descriptions.html">http://www.dfg.ca.gov/ mrd/mlpa/descriptions.h tml</a>	Marilyn Fluharty	(858) 467-4231	<a href="mailto:mfluharty@dfg.ca.gov">mfluharty@dfg.ca.gov</a>
➤ Calif. Dept. of Fish & Game	<a href="http://www.dfg.ca.gov/">http://www.dfg.ca.gov/</a>	Bill Paznokas	(858) 467-4218	<a href="mailto:wpaznokas@dfg.ca.gov">wpaznokas@dfg.ca.gov</a>
➤ Calif. State Parks, San Diego Coast District	<a href="http://www.parks.ca.gov/default.asp?page_id=658">http://www.parks.ca.go v/default.asp?page_id=6 58</a>	Darren Smith	(619) 278-3785	<a href="mailto:dsmith@parks.ca.gov">dsmith@parks.ca.gov</a>